

02-23-06

Serial No. 10/789,555
Docket No. NANO-4



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
:
Applicant: Glukhoy, Y. : **AEROSOL MASS SPECTROMETER**
:
Serial No. 10/789,555 : **FOR OPERATION IN A HIGH-DUTY**
:
Filed: 02/28/2004 : **MODE AND METHOD OF**
MASS-SPECTROMETRY

Pittsburgh, Pennsylvania
February 22, 2006

AMENDMENT AND RESPONSE

Sir:

Applicants file this amendment and response, together with the accompanying Request for a Two-Month Extension of Time, to fully reply to the non-final Office Action dated December 7, 2005. Please amend Applicants' above-identified claims as follows:

Please amend claims 1, 2, 5, 14, 23 and 28 to now read as follows:

1. An aerosol time-of-flight mass spectrometer comprising:
an elongated sealed vacuum chamber having an axial direction with a central longitudinal axis, said elongated sealed vacuum chamber having an input side and an opposite side, said input side having at least two inlet ports for admission to said elongated sealed high-vacuum chamber of at least two flows of charged particles of a